

## REMARKS

### Objection to drawing

The objection to the drawing is respectfully traversed.

The specification states at p. 2, ll. 17-19:

Advantageously, the electrical return lead comprises a locking means. The glass bulb is retained in the second axial direction thereby, and a reliable retention of the glass bulb is safeguarded.

Glancing at the return lead 30, in Fig. 1, the Examiner will see that it is bent on top. This locks the bulb in the second axial direction 65. Fig. 4 shows a second bend in the return lead which partially follows the portion of halogen burner containing the filament and also retains the burner in the second direction. Applicants accordingly respectfully submit that the drawing does not have to be changed.

### Changes to the specification

The specification has been changed to remove reference to numbered claim 1, as this reference appears to be redundant and confusing.

Page 2, line 15 has been changed as requested by the Examiner.

Applicants respectfully decline to add section headings to the specification, as these are not required and could introduce potentially prejudicial interpretations of sections of the specification.

The title has been amended as requested by the Examiner.

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### Objections under 37 CFR 1.75(c)

The claims have been amended to remove multiple dependency. This has been done for the sake of convenience of prosecution and not as an admission of lack of patentability.

Applicants reserve the right to reassert cancelled subject matter in this or a continuation application.

### Art rejections

The art rejections are respectfully traversed.

Since the references are many and/or complex, Applicants will confine their remarks to those portions of the references cited by the Examiner, except as otherwise indicated. Applicants make no representation as to the contents of other portions of the references.

Any of the Examiner's rejections and/or points of argument that are not addressed below would appear to be moot in view of the following. Nevertheless, Applicants reserve the right to respond to those rejections and arguments and to advance additional arguments at a later date. No arguments are waived and none of the Examiner's statements are conceded.

### Claim 1: "enveloped by a glass bulb"

Claim 1 recites that the halogen burner is "enveloped by a glass bulb". The claim recites both a cap and a bulb.

The Examiner asserts that Heider shows a bulb and a cap. Applicants respectfully disagree. The following definition is to be found at The American Heritage Dictionary of the English Language (William Morris Ed. 1981) p. 174

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Rhodesia, situated in the southwest. Population, 214,000.

**bulb** (bŭlb) *n.* 1. *Botany.* A modified underground stem, such as that of the onion or tulip, usually surrounded by scalelike modified leaves, and containing stored food for the undeveloped shoots of the new plant enclosed within it. 2. Loosely, an underground stem or root resembling this, such as a corm, rhizome, or tuber. 3. Any plant that grows from a bulb. 4. A rounded projection or part of something; *the bulb of a syringe*. 5. An incandescent lamp or its glass housing. 6. *Anatomy.* Any of various rounded, enlarged, or bulb-shaped structures, especially the *medulla oblongata* (see). [Latin *bulbus*, bulb, onion, from Greek *bolbos*, name of various bulbous plants.]

**bul-bar** (bŭl'bar, -bār') *adj.* Of, pertaining to, or characteristic

From this definition it can be seen that a bulb has a particular shape that is curved in more directions than a simple tube. A tube is not a bulb.

With respect to Fig. 1, the Heider reference characterizes element 15 as being a tube integrated with a cap. This element can be viewed as a bulb, but then there would be no cap. Applicants see a cap but do not see a “bulb” in Fig. 3.

Applicants accordingly respectfully submit that the Examiner has construed the claim terminology outside of its ordinary meaning and has failed to make a *prima facie* case against claim 1. Reconsideration is respectfully requested.

Nevertheless, Applicants have added new claim 14, which more explicitly sets forth the shape of the bulb and that that shape follows the curve of the halogen burner. This is shown in Figs. 1 and 4 of the application and has functional advantages with respect to the color optics of the lamp. The reference shows the bulb or cap has having a curvature that is quite different from that of the lamp.

New claim 17 adds the cap to claim 14.

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### Claim 11

This claim recites that the halogen burner has two mutually opposed pinched ends.

Against this claim, the Examiner cites Lanese. However, the burner of Lanese cannot be incorporated into the structure of Heider. The upper end of the Lanese's burner would force Heider's cap too far away from the light emitting center of the burner. As a result of the optical properties of the various components, such a structure would result in chromatic problems in the light output of the lamp. Applicants accordingly respectfully submit that the Examiner has not made a *prima facie* case against claim 11

These chromatic issues were why, in the preferred embodiment, the inventors designed the bulb to allow one pinched end to protrude through a central opening. The bulb holds the reflective upper surface close to the light-emitting center. New claim 15 emphasizes this structure and is therefore even more clearly patentable over the references than claim 11.

### New claim 16

New claims 16 set forth more explicitly the structure of the preferred embodiment with respect to the return lead and distinguish even more clearly over the references.

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Applicants respectfully submit that they have addressed each issue raised by the Examiner — except for any that were skipped as moot — and that the application is accordingly in condition for allowance. Allowance is therefore respectfully requested.

Respectfully submitted,

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